

Math 12 Spring 09

Syllabus

MA12 - Intermediate Calculus	Spring 2009
Meeting Times	MWThF 11:00-11:50am
Location	Seeley Mudd 204
Instructor	Ben Hutz
E-mail	bhutz@amherst.edu
Office	Seeley Mudd 502
Office Hours	Mon: 6:30-8pm, Tue:5:15-6:30pm, Wed: 2-3pm
Text	Singe Variable Calculus, 6rd Edition, James Stewart

Overview

Inverse trigonometric and hyperbolic functions; methods of integration, both exact and approximate; applications of integration to volume, arc length, and surface area; improper integrals; IHôpital's rule; infinite sequences and series, power series and the Taylor development; parametric equations; polar coordinates; and conic sections.

Evaluation

The assessments in this course will be weekly homework assignments, 1 group project, 3 in-class exams, and a final. Specifically, your grade is determined by

- 5% Group Project
- 15% Homework
- 20% Each of the three in-class exams
- 20% Final Exam

Grades in this course will be curved. **Late homework will be penalized 25% per day starting with any assignment not turned in by the end of the class in which it is due.**

Exams	
Exam 1	Friday 2/20
Exam 2	Thursday 3/12
Exam 3	Friday 5/1
Final Exam	TBD

Statement of Intellectual Responsibility

It is expected that you will follow the Statement of Intellectual Responsibility of Amherst College as it pertains to this course. In particular, the assignments that you turn in should be your own work (or your group's work). In this case of the weekly homework assignments, this does not preclude seeking

aid from other resources and students, but that aid should be in the form of learning the material, NOT rote copying of solutions. In the case of the group projects, if there is more than one group working on the same project, discussion between those groups is not permitted beyond the basic clarification of the statement of the problem. The exams will be conducted in class without the aid of outside resources or communication among students. For more details on the Amherst College Honor Code see <http://www.amherst.edu/~dos/conduct/>

Class Attendance

Although class attendance is not a specified percentage of your grade, I highly recommend attending. If you do miss class, you are responsible for the material that was covered. Getting Help The Dean of Students Office can arrange for peer tutoring. Information can be found at <http://www.amherst.edu/~dos/acadsupport.html>

Please come see me during my office hours! If you have a conflict and cannot make my office hours, please email me and we can set up an appointment for another time.